



Receipt

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Tony P. Chiang and Karl F. Lesser
SERIAL NO.: 09/854,092
FILING DATE: May 10,2001
TITLE: Method and Apparatus for Improved Temperature Control in
Atomic Layer Deposition
EXAMINER: Unknown
GROUP ART UNIT: 1762
ATTY.DKT.NO.: PA1663US

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

REQUEST FOR CORRECTED FILING RECEIPT

SIR:

Applicants hereby request that the United States Patent and Trademark Office correct its records and issue a corrected filing receipt showing the correct filing date for provisional application 60/254,280, to which the above referenced application claims priority. Accordingly, Applicants request that the United States Patent and Trademark Office correct its records from saying the above referenced "...CLAIMS THE BENEFIT OF 60/254,280 12/07/2000" to saying the above referenced "...CLAIMS THE BENEFIT OF 60/254,280 12/06/2000." Copies of the corrected filing receipt showing the requested correction, the Provisional Application Cover Sheet showing the correct filing date and corresponding Express Mail Label are enclosed.


RECEIVED
SEP 25 2001
TC 1700

Since the paperwork submitted to the United States Patent and Trademark Office indicated the correct date, 12/06/2000, Applicants believe that there is no fee for this request, however, the Commissioner is hereby authorized to charge any additional fees which may be required to Deposit Account No. 06-0600. A duplicate copy of this letter is enclosed for this purpose.

Respectfully submitted,

Tony P. Chiang

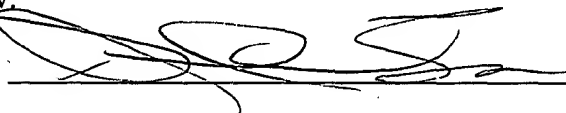
Dated: AUGUST 14, 2001

By: 
Bradley W. Scheer, Reg. No. 47,059
Carr & Ferrell LLP
2225 East Bayshore Road, Suite 200
Palo Alto, CA 94303
TEL: (650) 812-3448
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date printed below:

Dated: AUGUST 14, 2001





1762

UNITED STATES PATENT AND TRADEMARK OFFICE

FILE COPY

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
09/854,092	05/10/2001	Tony P. Chiang	PA1663US

CONFIRMATION NO. 7713

22830
CARR & FERRELL LLP
2225 EAST BAYSHORE ROAD
SUITE 200
PALO ALTO, CA 94303



OC00000006536817

Date Mailed: 09/10/2001

RECEIVED
SEP 25 2001
TC 1700

RESPONSE TO REQUEST CORRECTED FILING RECEIPT

Application Filing Date

In response to your request for a corrected Filing Receipt, the Office is unable to comply with your request because:

- ☐ The correct application number appears on the Filing Receipt. Your postcard included an incorrect application number. Please update your records to reflect the application number on the enclosed Filing Receipt. See MPEP 503.
- ☐ If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, a request for a corrected Filing Receipt should be submitted along with a copy of the Express Mail label showing the "date in."
- ☐ A copy of the Express Mail label was not enclosed with your request. Please resubmit.
- ☐ The date on the Express Mail label is the date given on the Filing Receipt.
- ☐ The filing date accorded to the application is the date the application met the filing date requirement of 37 CFR 1.53(b) or (c).
- ☒ Filing date of a parent application cannot be changed by this request. A request for corrected Filing Receipt must be directed to such parent application.
- ☐ Applications submitted under 37 CFR 1.8 are accorded a filing date as of the date the application is received in the Patent and Trademark Office.
- ☐ The filing date on your return postcard is the same as the date on your Filing Receipt.



A petition under 37 CFR 1.10 or 1.53 is needed to correct the filing date. The petition should be directed to the attention of the Office of Petitions

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231

A copy of this notice MUST be returned with the reply.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/854,092	05/10/2001	1762	714	PA1663US	5	51	5

CONFIRMATION NO. 7713

 22830
 CARR & FERRELL LLP
 2225 EAST BAYSHORE ROAD
 SUITE 200
 PALO ALTO, CA 94303

FILING RECEIPT



OC000000006283615

Date Mailed: 07/11/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

 Tony P. Chiang, Santa Clara, CA;
 Karl F. Leeser, Sunnyvale, CA;

Domestic Priority data as claimed by applicant

 THIS APPLN CLAIMS BENEFIT OF 60/251,795 12/06/2000
 AND CLAIMS BENEFIT OF 60/254,280 (12/07/2000)

(*) Data inconsistent with PTO records.

12/06/2000

Foreign Applications

If Required, Foreign Filing License Granted 07/11/2001

Projected Publication Date: 06/06/2002

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Method and apparatus for improved temperature control in atomic layer deposition

Preliminary Class

427

Data entry by : HOANG, SON

Team : OIPE

Date: 07/11/2001



LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

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 Customer Service Center
 Washington, DC 20231



EL504271395US

PTO/SB/16 (11-95)

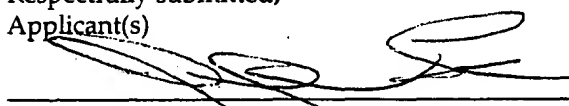
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53 (b)(2) & 1.51(a)(2)(i).

Docket No. D-1662		Type a plus sign (+) inside this box -->		+
INVENTOR(s) / APPLICANT(s)				
LAST NAME	FIRST NAME	MIDDLE INITIAL	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)	
Chiang Leeser	Tony Karl	P. F.	1690 Civic Center Drive. #503, Santa Clara, CA 95050 1698 Ontario Dr. #15, Sunnyvale, CA 94087	
TITLE OF INVENTION (280 characters max)				
Modulated Ion-Induced Atomic Layer Deposition (MII-ALD)				
CORRESPONDENCE ADDRESS				
Carr & Ferrell LLP 2225 East Bayshore Road, Suite 200 Palo Alto			Tel.: (650) 812-3400 Fax: (650) 812-3444	
STATE:	California	ZIP CODE:	94303	COUNTRY: U.S.A.
ENCLOSED APPLICATION PARTS (check all that apply)				
<input checked="" type="checkbox"/> Specification Number of Pages [26]		<input checked="" type="checkbox"/> Small Entity Statement		
<input checked="" type="checkbox"/> Drawing(s) Number of Sheets [14]		<input type="checkbox"/> Other (specify): Individual Inventor		
METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT				
<input type="checkbox"/> A check or money order is enclosed to cover the filing fees.			Filing Fee Amount (\$): \$ 75.00	
<input type="checkbox"/> The Commissioner is hereby authorized to charge the filing fees and credit Deposit Account No. 06-0600.				
<input type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 06-0600. <i>A duplicate copy of this sheet is attached.</i>				

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒ No.☐ Yes, the name of the U.S. Government agency and the Government contract member are: _____Respectfully submitted,
Applicant(s)

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Tel.: (650) 812-3400
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Date: 12/6/00

Send To: Box Provisional Application
Assistant Commissioner for Patents
Washington, D.C. 20231☐ Additional inventors are being named on separately numbered sheets attached hereto.